

PR 14-JUL-2000; 2000US-21893P.
PR 19-JUL-2000; 2000US-21914P.
PR 21-JUL-2000; 2000US-22014P.

XX (INCY-) INCYTE GENOMICS INC.

XX Lai P, Baughn MR, Hafalla AU, Nguyen DB, Gandhi AR, Kallick DA, Griffin JA, Yue H, Khan FA, Patterson C, Lu DK, Tribouley CM, Lu Y, Walia NK, Granit R, Yang J, Ramkumar J, Au-Yong J, Elliott VS, Hernandez R, Walsh RT, Bolesky ML, Thornton M, He A; DR WPI; 2002-075627/10.

DR N-PSDB; AAD24965.

XX

PT Isolated human G-protein coupled receptor polypeptides and the use of these sequences in the diagnosis, treatment and prevention of diseases and in the assessment of exogenous compounds on the expression of the PT receptors.

XX

PS Claim 1; Page 123-124; 143pp; English.

XX The invention relates to isolated human G-protein coupled receptor (GPCR) Polypeptides and their biologically active fragments. GPCR and protein is useful in treating a disease or condition associated with an increase or decrease in expression or functional GPCR. The GPCR's are useful in the diagnosis, treatment and prevention of cell proliferative disorders (cancer, leukaemia, melanoma), neurological disorders (stroke, epilepsy, Parkinson's disease, dementia, Alzheimer's disease), autoimmune inflammatory disorder (thyroiditis, haemolytic anaemia, AIDS, multiple sclerosis); cardiovascular disorder (atherosclerosis, angina pectoris), gastrointestinal disorder (ulcer, cholelithiasis, gastroenteritis), metabolic disorders (diabetes); viral infections (herpes virus) and in the assessment of the effects of exogenous compounds on the expression of the nucleic acid and amino acid sequences. The present sequence is

CC human GCRC-10 protein.

CC

SQ Sequence 494 AA:

Query Match 100.0%; Score 2539; DB 23; Length 494;
Matches 494; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEEDQPPRPPASMLLQSSQHSGRPSAAGPPSGTSSRATAAVLFSRVTAVTALGNISDASG 60
1 MEEDQPPRPPASMLLQSSQHSGRPSAAGPPSGTSSRATAAVLFSRVTAVTALGNISDASG 60
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QY 61 GCGTANPQGGIAGSGARAEAGAVRPLGPAAPULSHGAVAMQALVILFLFISIG 120
Db 121 NCANGVTVKHOILRTVNAFIISLSDPLAICIPARIDFTPPGSSAPAAAGPW 180
Db 121 NCANGVTVKHOILRTVNAFIISLSDPLAICIPARIDFTPPGSSAPAAAGPW 180
QY 181 RGFCAASRFSSRGIVTISVALLSLDRYKIVPREKICRRAQLLAGWATLG 240
Db 181 RGFCAASRFSSRGIVTISVALLSLDRYKIVPREKICRRAQLLAGWATLG 240
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QY 241 SLPPWILGAPRELAQAAQSHGCVRTSPDPAQGAASVGYLVACVILPELMCHYI 300
Db 301 CKTVPRLSDYVRPNTYARVLRSESEVRTATVILMITYFVTCGWCYPCFLVLAARQ 360
Db 301 CKTVPRLSDYVRPNTYARVLRSESEVRTATVILMITYFVTCGWCYPCFLVLAARQ 360
QY 361 TMQAPSLLSVAVWLTWANGAATNEVTAIRNPPIISMLGRNREERGTTRNTDAFPLSQP 420
Db 361 TMQAPSLLSVAVWLTWANGAATNEVTAIRNPPIISMLGRNREERGTTRNTDAFPLSQP 420
Db 421 GLQARSRSRSLRNRYANRIGACNRNSSNPASGVDYAMWARKNPTVYLFCEGPPRPTA 480
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QY 481 VTKQPKSEAGDTS 494
Db ||||||| 481 VTKQPKSEASDTS 494

RESULT 4
ADD24965

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1

ID	AB24965	standard; cDNA; 211 ..
XX	AB24965;	
AC		
XX		
DT	12-MAR-2002	(first entry)
XX		
DE	Human G-protein coupled receptor-10 (GCRBC-10) cDNA.	

Human G-protein coupled receptor-10 (GCRC-10) cDNA

12-MAX-2002 (2002-02-26)

Human; G-protein coupled receptor-10; GCREC-10; therapy; cancer; stroke; cell proliferative disorder; neurological; epilepsy; Parkinson's disease; Alzheimer's disease; inflammation; thyroditis; haemolytic anaemia; AIDS; Acquired Immune Deficiency Syndrome; dementia; noctotropics; chorealithiasis; multiple sclerosis; atherosclerosis; angina pectoris; gastritis; enteritis;

Homo sapiens.

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CDS  
location/Qualifiers  
1..1485  
/*tag- a
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W0200198351-A2. /product= "human GCRB10 protein."

27-DEC-2001.

15-JUN-2001; 2001wo-us19275

10-JUN-2000; 2000US-212453P
22-JUN-2000; 2000US-213954P

07-JUL-2000; 2000US-216595P

219-JUL-2000
2000BS-22014J
21-JUL-2000

(INCY-) INCYTE GENOMICS INC

Lai P, Baughn MR, Hafalia
Griffiths M, Yung W, Khan T, et al.

LUK, Walla NK, Graul R,
Elliott VS, Hernandez R,

WPI: 2002-075627/10.

Regulated human G-protein genes

these sequences in the diagnosis, treatment, prevention and control of diseases, and in the assessment of exogenous compounds on the expression of the

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The invention relates to isolated human

polypeptides and their biologically active fragments (GCREC). GCREC is useful in treating a disease or condition associated with an increase or decrease in expression of functional GCREC. The GCREC's are useful in the diagnosis, treatment and prevention of cell proliferative disorders (cancer, leukaemia, melanoma); neurological disorders (stroke, epilepsy, parkinson's disease, dementia, Alzheimer's disease); autoimmune inflammatory disorder (thyroiditis, haemolytic anaemia, AIDS, multiple sclerosis); cardiovascular disorder (atherosclerosis, angina pectoris), gastrointestinal disorder (ulcer, cholangitis, gastritis), metabolic disorders (diabetes); viral infections (herpes virus) and in the assessment of the effects of exogenous compounds on the expression of the nucleic acid and amino acid sequences. The present sequence is human GCREC-10 cDNA.

Q Sequence 2177 BP; 439 A; 692 C; 610 G; 436 T; 0 other;

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Query Match 98.4%; Score 1511; DB 24; Length 2177;
Best Local Similarity 100.0%; Pred. No. 4, 7e-25;
Matches 1511; Conservative 0; Mismatches 0; Indels 0; Gaps 0

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26 ATGGAGGAGGCCGAGCCGCCCCCAGCCACAGACGAGCATGGCTTACGGGCAGCCAGC 85
 1 ATGGAGGAGGCCGAGCCGCCCCCAGCCACAGACGAGCATGGCTTACGGGCAGCCAGC 60

